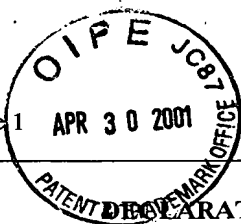


APR 30 2001



Attorney's Docket No. _____

P1395US
PTE675US

DECLARATION AND POWER OF ATTORNEY - USA PATENT APPLICATION #3

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is

sought on the invention entitled OPTICAL SIGNAL TRANSMISSION DEVICE

the specification of which:

- (a) ☐ is attached hereto; or
- (b) ☒ was filed on January 16, 2001 as Application No. 09/761,532 or Express Mail No., as Application No. not yet known _____ and was amended on _____ (if applicable); or
- (c) ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____ (if any) and/or under PCT Article 34 on _____ (if any).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56;

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, design or inventor's certificate or any PCT international application(s) listed below and have also identified below any foreign application(s) for patent, design or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed for the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 U.S.C. § 119	
Japan	2000-4784	13/01/2000	<input checked="" type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>

Prior U.S.A. Application(s)

Application No.: _____ Filing Date: _____ Status: _____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Satoshi KAWAI

Inventor's signature Satoshi Kawai Day 10 Month 04 Year 2001

Residence (city and country): Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome,
Chiyoda-ku, Tokyo, Japan

Full name of second inventor: Atsushi SASAKI

Inventor's signature Atsushi Sasaki Day 10 Month 04 Year 2001

Residence (city and country): Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome,
Chiyoda-ku, Tokyo, Japan

Full name of third inventor: Shigeki MOTOMURA

Inventor's signature Shigeki Motomura Day 10 Month 04 Year 2001

Residence (city and country): Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome,
Chiyoda-ku, Tokyo, Japan

P/39505

Full name of fourth inventor: Takayuki MATSUOKA

Inventor's signature Takayuki Matsuoka Day 10 Month 04 Year 2001

Residence (city and country): Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

Full name of fifth inventor: Eiji ICHII

Inventor's signature Eiji Ichii Day 10 Month 04 Year 2001

Residence (city and country): Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

Full name of sixth inventor: _____

Inventor's signature _____ Day _____ Month _____ Year _____

Residence (city and country): _____

Citizenship: _____

Post Office Address: _____

Full name of seventh inventor: _____

Inventor's signature _____ Day _____ Month _____ Year _____

Residence (city and country): _____

Citizenship: _____

Post Office Address: _____

Full name of eighth inventor: _____

Inventor's signature _____ Day _____ Month _____ Year _____

Residence (city and country): _____

Citizenship: _____

Post Office Address: _____

P1395US
(JPFE675US)
PATENT

ASSIGNMENT

WHEREAS, I/WE (1) Satoshi KAWAI,
a Japanese citizen, residing at Tokyo, Japan

(2) Atsushi SASAKI **COPY**
a Japanese citizen, residing at Tokyo, Japan

(3) Shigeki MOTOMURA
a Japanese citizen, residing at Tokyo, Japan

(4) Takayuki MATSUOKA
a Japanese citizen, residing at Tokyo, Japan

(5) Eiji ICHII
a Japanese citizen, residing at Tokyo, Japan

(6) _____
a _____ **COPY** citizen, residing at _____

(7) _____
a _____ citizen, residing at _____

(8) _____
a _____ citizen, residing at _____

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in OPTICAL SIGNAL TRANSMISSION DEVICE

the specification of which:

(a) ☐ is attached hereto; or

P1395 US

(b) ☒ was filed on January 16, 2001 as Application
No. 09/761,532 or Express Mail No., as Application No. not
yet known _____ and was amended
on _____ (if applicable); or

(c) ☐ was described and claimed in PCT International Application No.
_____ filed on _____
and as amended under PCT Article 19 on _____
(if any) and/or under PCT Article 34 on _____ (if any).

AND WHEREAS, THE FURUKAWA ELECTRIC CO., LTD.

with its principal place of business at 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan
(hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said
improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby
acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these
presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and
assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to
and under said improvements, and any Patent Applications in the United States of America and all divisions,
renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon
and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor
hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for
said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this
instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors,
legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal
proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths
and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and
enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 10th day of April, 2001 Satoshi Kawai
Signature of Satoshi KAWAI

This 10th day of April, 2001 Atsushi Sasaki
Signature of Atsushi SASAKI

This 10th day of April, 2001 Shigeki Motomura
Signature of Shigeki MOTOMURA

This 10th day of April, 2001

Takayuki matsuoka
Signature of Takayuki MATSUOKA

This 10th day of April, 2001

Eiji Ichii
Signature of Eiji ICHII

This _____ day of _____, 20____

Signature of _____

This _____ day of _____, 20____

Signature of _____

This _____ day of _____, 20____

Signature of _____

COPY